Author index

Aird, B.A. and Horowitz, P.M.
The differential functional stability of various forms of bovine liver rhodanese (956) 30
Al-Hakim, M., see Navaratnam, S. (956) 70
Allen, J.C., see Navaratnam, S. (956) 70
Amiconi, G., see Ascenzi, P. (956) 156
Anders, N., see Hormes, J. (956) 293
Arata, Y., Seno, Y. and Otsuka, J.
A study on the quaternary structure change of hemoglobin in the ligation process (956) 243
Ascenzi, P., Coletta, M., Amiconi, G., De Cristofaro, R., Bolognesi, M., Guarneri, M. and Menegatti, E.
Binding of the bovine basic pancreatic trypsin inhibitor (Kunitz) to human α-, β- and γ-thrombin; a kinetic and thermodynamic study (956) 156
Ascoli, F., see Spagnuolo, C. (956) 119

Banci, L., see Hüttermann, J. (956) 173
Bertini, I., see Hüttermann, J. (956) 173
Böhm, L., Sautière, P., Cary, P.D. and Meader, D.L.
Histone H1 structure probed by *Staphylococcus Aureus* V8-proteinase (956) 224
Bolognesi, M., see Ascenzi, P. (956) 156
Borovikov, Y.S., see Dobrowolski, Z. (956) 140
Brandts, J.F., see Lin, L.-N. (956) 256

Cammack, R., Chapman, A., McCracken, J., Cornelius, J.B., Peisach, J. and Weiner, J.H.
Electron spin-echo spectroscopic studies of *Escherichia coli* fumarate reductase (956) 307
Campbell, B.J., Di Shih, Y., Forrester, L.J. and Zahler, W.L.
Specificity and inhibition studies of human renal dipeptidase (956) 110
Caracelli, I., see Neto, L.M. (956) 189
Carreras, J., see Castellá, J. (956) 97
Cary, P.D., see Böhm, L. (956) 224
Castellá, J., Ureña, J., Ludevid, D., Carreras, J. and Climent, F.
Immunological properties of rat phosphoglycerate mutase isozymes (956) 97
Chaplin, L.C., Clark, D.C. and Smith, L.J.
The secondary structure of peptides derived from caseins: a circular dichroism study (956) 162
Chapman, A., see Cammack, R. (956) 307
Chatfield, J., see La Mar, G.N. (956) 267
Chauvistre, R., see Hormes, J. (956) 293
Chiancone, E., see Spagnuolo, C. (956) 119
Clark, D.C., see Chaplin, L.C. (956) 162
Climent, F., see Castellá, J. (956) 97
Coletta, M., see Ascenzi, P. (956) 156
Coletta, M., see Spagnuolo, C. (956) 119
Cornelius, J.B., see Cammack, R. (956) 307

Dąbrowska, R., see Dobrowolski, Z. (956) 140
De Cristofaro, R., see Ascenzi, P. (956) 156
De Ropp, J.S., see La Mar, G.N. (956) 267
Di Shih, Y., see Campbell, B.J. (956) 110
Dobrowolski, Z., Borovikov, Y.S., Nowak, E., Gałązkiewicz, B. and Dąbrowska, R.
Comparison of Ca^{2+}-dependent effects of caldesmon-tropomyosin-calmodulin and troponin-tropomyosin complexes on the structure of F-actin in ghost fibers and its interaction with myosin heads (956) 140
Dobryszycki, P. and Kochman, M.
Fluorescence resonance energy transfer studies on the proximity between lysine-107 and cysteine-239 in rabbit muscle aldolase (956) 217

Eloranta, T.O., see Harvima, I.T. (956) 133
Erman, J.E., see La Mar, G.N. (956) 267

Favilla, R., Giordani, B. and Mazzini, A.
Fast kinetics analysis of the peroxidatic reaction catalysed by horse liver alcohol dehydrogenase (956) 285
Feiters, M.C., see Navaratnam, S. (956) 70
Forrester, L.J., see Campbell, B.J. (956) 110
Fräki, J.E., see Harvima, I.T. (956) 133
Fridovich, I., see Mashino, T. (956) 63

Gałązkiewicz, B., see Dobrowolski, Z. (956) 140
Gebicki, J.M., see Kettle, A.J. (956) 58
Giordani, B., see Favilla, R. (956) 285
Guarneri, M., see Ascenzi, P. (956) 156
Gusev, N.B., see Verin, A.D. (956) 197

Hammes, G.G., see Kashem, M.A. (956) 39
Harvima, I.T., Harvima, R.J., Eloranta, T.O. and Fräki, J.E.
The allosteric effect of salt on human mast cell tryptase (956) 133
Harvima, R.J., see Harvima, I.T. (956) 133
Hasumi, H., see Lin, L.-N. (956) 256
Heremans, K., see Wong, P.T.T. (956) 1
Hersey, S.J., Steiner, L., Mendlein, J., Rabon, E. and Sachs, G.
SCH28080 prevents omeprazole inhibition of the gastric H^+/K^+-ATPase (956) 49
Hormes, J., Kuetgens, U., Chauvistre, R., Schreiber, W., Anders, N., Vilter, H., Rehder, D. and Weidemann, C.
Vanadium K-edge absorption spectrum of bromoperoxidase from *Ascophyllum nodosum* (956) 293
Horowitz, P., see Mock, D.M. (956) 23
Horowitz, P.M., see Aird, B.A. (956) 30
Hüttermann, J., Kappl, R., Banci, L. and Bertini, I.
An ENDOR study of human and bovine erythrocyte superoxide dismutase: ^1H and ^{14}N interactions (956) 173

Kappl, R., see Hüttermann, J. (956) 173
Kashem, M.A. and Hammes, G.G.
Correlation of enzymatic activities and aggregation state in chicken liver fatty acid synthase (956) 39
Kemp, R.G., see Valaitis, A.P. (956) 232
Kettle, A.J., Sangster, D.F., Gebicki, J.M. and Winterbourn, C.C.
A pulse radiolysis investigation of the reactions of myeloperoxidase with superoxide and hydrogen peroxide (956) 58
Kim, Y.S. and Park, C.
Inactivation of *Acinetobacter calcoaceticus* acetate kinase by diethylpyrocarbonate (956) 103
Kochman, M., see Dobryszycki, P. (956) 217
Kohli, K.K., Obuch, A. and Stellwagen, R.H.
Protection of tyrosine aminotransferase against proteolytic digestion by nucleotide derivatives (956) 77
Kretchmar, S.A., Reyes, Z.E. and Raymond, K.N.
The spectroelectrochemical determination of the reduction potential of diferric serum transferrin (956) 85
Krishnamoorthi, R., see La Mar, G.N. (956) 267
Krishnaraj, R., see Valaitis, A.P. (956) 232
Kuetgens, U., see Hormes, J. (956) 293
Kwiatkowska, D., see Valaitis, A.P. (956) 232

La Mar, G.N., Marian, , Chatfield, J., Peyton, D.H., De Ropp, J.S., Smith, W.S., Krishnamoorthi, R., Satterlee, J.D. and Erman, J.E.
Solvent isotope effects on NMR spectral parameters in high-spin ferric hemoproteins: an indirect probe for distal hydrogen bonding (956) 267
Langlais, M., see Tajmir-Riahi, H.A. (956) 211
Lankford, G., see Mock, D.M. (956) 23
Lauffart, B. and Mantle, D.
Rationalization of aminopeptidase activities in human skeletal muscle soluble extract (956) 300
Lin, L.-N., Hasumi, H. and Brandts, J.F.
Catalysis of proline isomerization during protein-folding reactions (956) 256
Ludevid, D., see Castellá, J. (956) 97

Mantle, D., see Lauffart, B. (956) 300
Marian, , see La Mar, G.N. (956) 267
Mashino, T. and Fridovich, I.
Reactions of hypochlorite with catalase (956) 63
Matsuoka, A. and Shikama, K.
Aplysia oxymyoglobin with an unusual stability property: involvement of two kinds of carboxyl groups (956) 127
Mazzini, A., see Favilla, R. (956) 285
McCracken, J., see Cammack, R. (956) 307
Meader, D.L., see Böhm, L. (956) 224
Mendlein, J., see Hersey, S.J. (956) 49
Menegatti, E., see Ascenzi, P. (956) 156
Mitranic, M.M., Pâquet, M.R. and Moscarello, M.A.
The interaction of bovine milk galactosyltransferase with lipid and α-lactalbumin (956) 277
Mock, D.M., Lankford, G. and Horowitz, P.
A study of the interaction of avidin with 2-anilinonaphthalene-6-sulfonic acid as a probe of the biotin binding site (956) 23
Moriyama, A., Nakanishi, M., Takenaka, O. and Sasaki, M.
Porcine muscle prolyl endopeptidase: limited proteolysis of tryptic peptides from hemoglobin β-chains at prolyl and alanyl bonds (956) 151
Moscarello, M.A., see Mitranic, M.M. (956) 277

Nakanishi, M., see Moriyama, A. (956) 151
Nascimento, O.R., see Neto, L.M. (956) 189
Navaratnam, S., Feiters, M.C., Al-Hakim, M., Allen, J.C., Veldink, G.A. and Vliegenthart, J.F.G.
Iron environment in soybean lipoxygenase-1 (956) 70
Neto, L.M., Nascimento, O.R., Tabak, M. and Caracelli, I.
The mechanism of reaction of nitrosyl with met- and oxymyoglobin: an ESR study (956) 189
Nowak, E., see Dobrowolski, Z. (956) 140

Obuch, A., see Kohli, K.K. (956) 77
Olesen, P.R., see Ortwerth, B.J. (956) 10
Ortwerth, B.J. and Olesen, P.R.
Ascorbic acid-induced crosslinking of lens proteins: evidence supporting a Maillard reaction (956) 10
Otsuka, J., see Arata, Y. (956) 243

Pâquet, M.R., see Mitranic, M.M. (956) 277
Park, C., see Kim, Y.S. (956) 103
Peisach, J., see Cammack, R. (956) 307
Peyton, D.H., see La Mar, G.N. (956) 267

Rabon, E., see Hersey, S.J. (956) 49
Raymond, K.N., see Kretchmar, S.A. (956) 85
Rehder, D., see Hormes, J. (956) 293
Reyes, Z.E., see Kretchmar, S.A. (956) 85
Rinelli, P., see Spagnuolo, C. (956) 119

Sachs, G., see Hersey, S.J. (956) 49
Sangster, D.F., see Kettle, A.J. (956) 58
Sasaki, M., see Moriyama, A. (956) 151
Satterlee, J.D., see La Mar, G.N. (956) 267
Sautière, P., see Böhm, L. (956) 224
Savoie, R., see Tajmir-Riahi, H.A. (956) 211
Schreiber, W., see Hormes, J. (956) 293
Seno, Y., see Arata, Y. (956) 243
Shikama, K., see Matsuoka, A. (956) 127
Smith, L.J., see Chaplin, L.C. (956) 162
Smith, W.S., see La Mar, G.N. (956) 267
Spagnuolo, C., Rinelli, P., Coletta, M., Vecchini, P., Chiancone, E. and Ascoli, F.
Oxidation reaction of *Scapharca inaequivalvis* hemoglobins with nitrite (956) 119
Steiner, L., see Hersey, S.J. (956) 49
Stellwagen, R.H., see Kohli, K.K. (956) 77

Tabak, M., see Neto, L.M. (956) 189
Tajmir-Riahi, H.A., Langlais, M. and Savoie, R.
A laser Raman spectroscopic study of the interaction of the methylmercury cation with AMP, ADP and ATP (956) 211
Takenaka, O., see Moriyama, A. (956) 151

Ureña, J., see Castellá, J. (956) 97

Valaitis, A.P., Kwiatkowska, D., Krishnaraj, R. and Kemp, R.G.
Identification of the AMP binding sites of rabbit phosphofructo-1-kinase isozymes B and C (956) 232
Vecchini, P., see Spagnuolo, C. (956) 119
Veldink, G.A., see Navaratnam, S. (956) 70
Verin, A.D. and Gusev, N.B.
Ca^{2+}-induced conformational changes in cardiac troponin C as measured by *N*-(1-pyrene)maleimide fluorescence (956) 197
Vilter, H., see Hormes, J. (956) 293
Vliegenthart, J.F.G., see Navaratnam, S. (956) 70

Weidemann, C., see Hormes, J. (956) 293
Weiner, J.H., see Cammack, R. (956) 307
Winterbourn, C.C., see Kettle, A.J. (956) 58
Wong, P.T.T. and Heremans, K.
Pressure effects on protein secondary structure and hydrogen deuterium exchange in chymotrypsinogen: a Fourier transform infrared spectroscopic study (956) 1

Zahler, W.L., see Campbell, B.J. (956) 110